**Ecology Webquest Rubric (Possible 150 pts)**

**NAME: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ PER. \_\_\_\_\_\_\_\_\_\_ Ecosystem \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Points** | **25** | **20** | **15** | **0** | **Score** |
| **Abiotic & Biotic factors** | **More than 5 biotic & abiotic factors were identified and full explanation of their importance and interaction in the ecosystem chosen.** | **5 biotic & 5 abiotic factors were identified and their importance in the ecosystem was discussed and/or factors were identified, but explanation was vague and did not reflect ecosystem chosen.** | **Less than 5 biotic & abiotic factors identified and/or no explanation of importance and interactions in ecosystem and did not reflect ecosystem chosen.** | **No project** |  |
| **Predator-Prey Relationship,** | **2 or more predator-prey relationships were identified and included complete explanation of the relationship, including how it affects the ecosystem chosen.** | **1 or more predator-prey relationships were identified and explained completely and/or relationships were vague and did not reflect the ecosystem chosen.** | **No predator-prey relationships were identified and/or relationships did not reflect ecosystem chosen and were copied and pasted.** | **No project** |  |
| **Food Webs** | **More than 2 food webs identified. Food webs were complete, showed complex links between organisms and represented the ecosystem chosen.** | **2 Food webs identified. Food webs were vague and did not show complex links between organisms and/or food web was copied and pasted and did not reflect ecosystem** | **1 Food Web identified – food web vague - did not show complex links between organisms and/or food web was copied and pasted and did not reflect ecosystem** | **No project** |  |
| **Cycles of Matter** | **3 or more cycles matter were identified and fully explained, showing all interactions within the ecosystem. Cycles of matter reflected ecosystem chosen** | **2 cycles of matter were identified and/or explanation of cycle was vague and incomplete and did not reflect ecosystem chosen.** | **1 cycle was identified and/or no explanation of the cycles. Cycles did not reflect ecosystem chose, were incomplete and/or were copied and pasted.** | **No project** |  |
| **Importance of Ecosystem** | **Full explanation and persuasive argument as to why the ecosystem should be moved to the moon.** | **Explanation and argument were vague as to why ecosystem should be moved to the moon.** | **No explanation as to why ecosystem should be moved to the moon.** |  |  |
| **Presentation & Poster** | **Professional presentation used. Sounds, videos appropriate. Poster is excellent representation of ecosystem.** | **Presentation is lacking elements. Too many sounds and animation of text. Poster is sloppy.** | **Presentation does not reflect ecosystem and elements of the project. No Poster.** | **No Project.** |  |
| **Works Cited** | **More than 5 resources were correctly cited.** | **3-4 resources were correctly cited and/or sources were incorrectly cited.** | **1-2 resources were cited correctly.** | **No Project.** |  |

**TOTAL SCORE \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**